



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 21, 2021

Brian Hogan
Agent
Viking Pure Solutions, LLC
4400 East Port Parkway
Port Orange, FL 32127

Subject: PRIA Label Amendment – Additional Studies and Label Claims
Product Name: Viking Pure Disinfectant
EPA Registration Number: 87542-1
Received Date: May 11, 2021
Action Case Number: 00301740

Dear Brian Hogan:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6), you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Assurance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Wanda Henson by phone at (703) 308-6345, or via email at henson.wanda@epa.gov

Sincerely,

A handwritten signature in black ink, appearing to read "DF", with a horizontal line extending to the right.

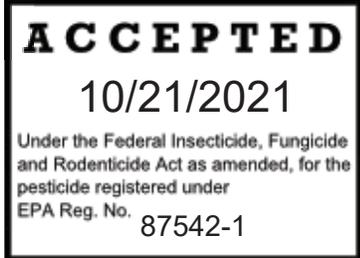
Demson Fuller, Product Manager 32
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

{Throughout the label, braces { } indicate notes to the reviewer, brackets [] indicate optional text and parentheses () indicate clarifications and acronyms.}



VIKING PURE™
SOLUTIONS



Viking Pure Disinfectant:

- Hospital Disinfectant
- Cost Effective Solutions
- Produced for Use in Medical, Dental, Institutional, Hospitality, Industrial, Veterinarian, Commercial, and Residential Applications
- Leaves No Residue

Active Ingredient:

Hypochlorous Acid 0.018%

Other Ingredients: 99.982%

Total: ... 100.000%

Contains 180 ppm Free Available Chlorine (FAC)

KEEP OUT OF REACH OF CHILDREN

Manufactured By:

Viking Pure Solutions
4400 Eastport Park Way
Port Orange, FL 32127

Phone: (386) 428-9800 Email: info@vikingpure.com

EPA Registration No.: 87542-1

EPA EST.: 87452-FL-1

Date Produced: _____

Viking Pure Disinfectant must be used within 30 days of production or tested with a chlorine test strip.
Do not use product when chlorine concentration is below 162 ppm.

[Viking Pure Disinfectant is an activated aqueous solution of hypochlorous acid produced by passing weak salt brine through the electrolytic cell(s) of Viking Pure Solutions' series generators using Electro-Chemical Activation (ECA) technology.] [Viking Pure Disinfectant contains a minimum of 180 ppm free available chlorine (FAC).]

PHYSICAL OR CHEMICAL HAZARDS

Viking Pure Disinfectant is not compatible with other chemicals such as acids and hydrogen peroxide.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DISINFECTION APPLICATIONS

Hard, Non-Porous Surface Disinfection

To [Clean and] Disinfect [and Deodorize] Hard, Non-Porous Surfaces: For visibly soiled areas, a preliminary cleaning is required. Apply [Wipe, Spray or Dip] Viking Pure Disinfectant at 180 ppm FAC to hard, non-porous surfaces with a cloth, wipe, mop or sponge. Treated surfaces must remain visibly wet for 10 minutes. Allow surfaces to air dry.

To [Clean and] Disinfect [and Deodorize] Specifically Against Rhinovirus type 37 and Human Norovirus on Hard, Non-Porous Surfaces: Thoroughly preclean surface prior to disinfection. Spray Viking Pure Disinfectant at 180 ppm FAC to hard, non-porous surfaces with a cloth, wipe, mop or sponge. Treated surfaces must remain visibly wet for 5 minutes. Allow surfaces to air dry.

To Disinfect Specifically Against Human Norovirus on Hard, Non-Porous Surfaces: Remove visible soil and thoroughly pre-clean surface prior to disinfection. Spray Viking Pure Disinfectant at 180 ppm FAC to hard, non-porous food contact surfaces with a cloth, wipe, mop or sponge. Treated surfaces must remain visibly wet for 1 minute. Allow surfaces to air dry.

To [Clean and] Disinfect Water Sensitive [Electronic] Equipment, Hard, Non-Porous Surfaces: Completely power off electrical equipment prior to treatment. Pre-clean soils from external surfaces to be disinfected with a clean paper towel, cloth, microfiber, or sponge, which may be dry or slightly wetted with this product. Carefully apply Viking Pure Disinfectant using a cloth or spray device so that only enough solution is applied to keep the surface visibly wet for 10 minutes. Avoid over soaking and prevent pooled or puddled areas. Treated surfaces must remain visibly wet for 10 minutes. Reapply as necessary to keep visibly wet for 10 minutes. Do not rinse. Allow surfaces to air dry. Do not restore power to electronic equipment until thoroughly dry.

To [Clean and] Disinfect [and Deodorize] Hard, Non-Porous Food Contact Surfaces: For visibly soiled areas, a preliminary cleaning is required. Apply [Wipe, Spray or Dip] Viking Pure Disinfectant at 180 ppm FAC to hard, non-porous food contact surfaces with a cloth, wipe, mop or sponge. Treated surfaces must remain visibly wet for 10 minutes. Allow surfaces to air dry.

GENERAL CLEANING AND DEODORIZING DIRECTIONS

[To] Clean Non-Porous Surfaces – and/or – Floors: Apply [Wipe, Spray or Dip] Viking Pure Disinfectant to soiled area or surface with a cloth, wipe, mop, sponge, spray, or immersion, then wipe or scrub clean. This product can be used to clean various stains and organics including the following: bathtub ring, beverage stains, blood, body oils, coffee (stains), dead skin, dirt, fecal matter, fingerprints, food residue(s), fruit (stains), grease, laboratory stains, mildew stains, mold stains, (other) common soils – and/or – stains, (other) organic matter, pet odor, rust, tea (stains), urine (stains), vomit (stains).

[To] Clean, and Deodorize Toilet Bowls – and/or – Urinals – and/or – Bidets: Remove visible soil prior to disinfection. Empty toilet bowl or urinal and liberally apply [Viking Pure Disinfectant] [this product] to exposed surfaces including under the rim with a cloth, mop, sponge or spray device until the surface is visibly wet. Brush or swab all surfaces thoroughly. Treated surfaces must remain visibly wet for 10 minutes before flushing again. Allow to air dry.

To Deodorize: Spray until visibly wet. Let stand for appropriate time [to kill odor causing bacteria]. Then wipe. For visibly soiled areas, a preliminary cleaning is required.

| * Organism Table for One-Step Cleaning and Disinfection Applications | Contact Time: |
|---|---------------|
| Bacteria: | |
| Pseudomonas aeruginosa (Pseudomonas) (ATCC 15442) | 10 Minutes |
| Staphylococcus aureus (Staph) (ATCC 6538) | 10 Minutes |
| Methicillin-Resistant Staphylococcus aureus (MRSA) (ATCC 33592) | 10 Minutes |
| | |
| Viruses Non-Enveloped: | |
| Human Norovirus or Norwalk Virus (as Feline Calicivirus) (Strain F-9) (ATCC VR 782) | 5 Minutes |
| Rhinovirus type 37 (ATCC VR 1147 Strain 151 - 1) | 5 Minutes |
| | |
| Viruses Enveloped: | |
| Human Coronavirus (ATCC VR 740 Strain 229E) | 10 Minutes |
| | |
| Fungus: | |
| Trichophyton interdigitale (ATCC 9533) | 10 Minutes |
| | |
| Blood Borne Pathogens: | |
| Human Immunodeficiency Virus Type 1 (HIV-1) strain IIIB | 10 Minutes |

| Organism Table for Pre-Cleaned Disinfection Applications | Contact Time: |
|---|---------------|
| Human Norovirus or Norwalk Virus (as Feline Calicivirus) (Strain F-9) (ATCC VR 782) | 1 Minute |

EMERGING VIRAL PATHOGENS CLAIMS

{Note to Reviewer: These statements for claims against enveloped emerging viral pathogens shall not appear on marketed (final print) product labels.}

This product qualifies for emerging viral pathogen claims per the EPA's 'Guidance to Registrants: Process for Making Claims Against Emerging Viral Pathogens not on EPA-Registered Disinfectant Labels' when used in accordance with the appropriate use directions indicated below.

This Product meets the criteria to make claims against certain emerging viral pathogens from the following viral category[ies]:

| | |
|--|--|
| For an emerging viral pathogen that is a/an... | ...follow the directions for use for the following organisms on the label: |
| Enveloped Virus | Human Norovirus |
| Large, non-enveloped virus | Human Norovirus |
| Small, non-enveloped virus | Human Norovirus; Rhinovirus type 37 (5-minute contact time) |

Viking Pure Disinfectant has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, nonporous surfaces. Therefore, Viking Pure Disinfectant can be used against [name of emerging virus] when used in accordance with the directions for use against Human Norovirus and Rhinovirus type 37 on hard, non-porous surfaces.

Refer to the [CDC or OIE] website at [pathogen-specific website address] for additional information. [Name of illness/outbreak] is caused by [name of emerging virus]. Viking Pure Disinfectant kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against Human Norovirus and Rhinovirus type 37 on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [website address] for additional information.

MARKETING CLAIMS

- + This product was tested according to AOAC test methods
- + Meets surface disinfection recommendations from OSHA Bloodborne Pathogen Standard
- + Broad spectrum disinfectant
- + One step cleaner/disinfectant when used in according to the disinfection directions.
- + Cleaner/disinfectant
- + Multi-purpose cleaner and disinfectant
- + Hypochlorous Acid [(HOCl)] Solution
- + Hospital Disinfectant
- + Active ingredient hypochlorous acid [(HOCl)] produced from water and salt
- + [Patented] [technology where] [salt] [NaCl] does not enter the [electrolytic] cell and therefore [is] not added to [the] output solution[s]
- + [This product is] [generated using] [Viking Pure's] patented [electrolytic] cell technology keeps [or keeping] the brine separate[d] from the [product] output solution
- + No salt residue
- + [Antimicrobial] [antibacterial] [disinfectant]
- + Aids in the reduction of cross-contamination between treated surfaces
- + Formulated to kill bacteria
- + Bactericide – or – Bactericidal
- + Germicide – or – Germicidal
- + Virucide – or – Virucidal
- + Disinfectant for [use on] hard, non-porous [bathroom] [kitchen] [nursery] [athletic facility] surfaces
- + Can be sprayed
- + Cleans and disinfects {insert use site}
- + Cleans and disinfects hard, non-porous surfaces
- + Cleans, deodorizes and disinfects
- + Eliminates – and/or – Destroys – and/or – Cleans – and/or – Removes [non-living] allergens [such as] [like] [dust mite matter – or – particles] [dust mite debris] [cockroach matter – or – particles] [cockroach debris] [pet dander [found in dust]] [dog dander] [cat dander] [pollen [particles]].
- + Deodorizes by killing the bacteria that causes odors
- + Designed for practical use
- + Designed to save you time
- + Disinfecting formula
- + Disinfects and deodorizes by killing bacteria and their odors
- + Disinfects [common] household hard, non-porous surfaces
- + Disinfects hard, non-porous surfaces (throughout the {insert use site})
- + Easy and convenient disinfecting
- + Easy one-step cleaning and disinfecting when used according to disinfection directions
- + Effective against – or – Kills {insert any organism(s) from table above} [in the presence of 5% organic soil load]
- + Effective against Staphylococcus aureus, Pseudomonas aeruginosa
- + Eliminates odors at their source; bacteria – and/or – yeast
- + Eliminates – or – Removes food odors [like garlic – and/or – fish – and/or – onion]

- + Eliminates – or – Removes [smoke] [urine] [feces] [fish] [foul] [body] odors
- + Eliminates – or – Removes pet odors [like urine – and/or – feces – and/or – vomit – and/or – “wet dog” smell]
- + Eliminates – or – Reduces odors caused by bacteria – and/or – yeast [in the kitchen – or – bathroom]
- + [Eliminates] [removes] Odors
- + For daily use
- + For use in {insert one or more of the use sites listed on the label}
- + For use on {insert one or more of the use surfaces listed on the label}
- + For use on high touch surfaces
- + [Kill[s] [Eliminates 99.9%] [Effective against] Staphylococcus aureus
- + [Kill[s] [Eliminates 99.9%] [Effective against] Pseudomonas aeruginosa
- + Can help reduce cross contamination between treated hard, non-porous surfaces
- + 2 in 1 Formula (Cleaner and odor eliminator)
- + Inspired by how you want [need] to disinfect
- + Invented to disinfect the way you want [need]
- + Kills bacteria
- + Kills many common bacteria*
- + Kills odor-causing bacteria
- + Kills common household bacteria* – and/or – viruses*
- + Kills bacteria – and/or – viruses* [on hard non-porous surfaces you touch most]
- + Low Odor
- + Fresh – and/or – Clean Scent
- + The smell of clean
- + [Fragrance Free] [No Harsh Fumes] [No Harsh Chemicals]
- + No harsh fumes to irritate [pet] [dog] noses
- + Can be used in [kennels] [litter box] [pet areas] [baby rooms] [nurseries]
- + Use for a [fresh] [home] [environment] [kitchen]
- + Alcohol free [formula]
- + Dye free [formula]
- + Fragrance free [formula] [will not irritate your [dog’s] [pet’s] nose]
- + Phenol free [formula]
- + VOC free [formula]
- + No – and/or Never any [alcohol] [dyes] [fragrances] [phenols] [VOCs] [harsh fumes] [harsh chemicals]
- + Non-flammable [formula] + Kills – or – Effective against pathogens
- + Kills – or – Leaves hard non-porous surfaces disinfected
- + Made in the USA (may include graphic of American flag)
- + One-step cleaner and disinfectant when used according to disinfection directions
- + Designed for general cleaning and disinfecting hard, non-porous environmental surfaces in health care facilities – or – {insert use site}
- + Ready-to-use [cruise line] [daycare] [dental] [hospital] [household] [institutional] [residential] [veterinarian] disinfectant
- + Ready-to-Use [Formula] [no dilution required]
- + No complicated dilution process[es]
- + No mixing required

- + No rinse formula
- + No rinsing required
- + No wiping required
- + Disinfectant to go
- + The answer to your disinfecting needs
- + The convenient way to disinfect
- + Use in public – or – common places where bacteria – and/or – viruses* may be of concern on hard, non-porous surfaces
- + Non-greasy [formula]
- + Non-sticky [formula]
- + Disinfect[s] surfaces in food preparation [prep] areas
- + Disinfect [s] surfaces [in areas] where food may go
- + Daily disinfecting of food-contact surfaces
 - + Leaves no [sticky] [greasy] [flammable] [harmful] [harsh] [chemical] residual – or – residue [on surfaces] [after evaporation]
- + Contains no phosphates
- + Kills – or – Effective against bacteria
- + Kills – or – Effective against viruses*
- + No PPE [Personal Protective Equipment] required
- + No harsh (chemical(s)) (residue) (left) (behind)
- + Hospital Disinfectant [for use on] on hard, non-porous surfaces
- + Disinfectant for [use on] hard, non-porous [Consumer] [Commercial] [Cruise Line] [Dental] [Freight] [Hospitality] [Industrial] [Janitorial] [Jan-San] [Public Transportation] [Residential] [Retail] [Veterinarian] surfaces
- + [Sample] [travel] size

GENERAL CLAIMS

- + **Convenient**
- + **Hospital disinfectant**
- + **Hypoallergenic**
- + **For general use**
- + **Will not harm hard, non-porous inanimate environmental surfaces**
- + **Will not harm titanium-coated, medical grade stainless steel**
- + **For use in athletic facilities and on athletic equipment**
- + **For use on bathroom surfaces**
- + **Ambient air application**
- + **For use on nursery surface**

Environmental Commitment

Not harmful to septic and waste water treatment systems.

This bottle is coded for recyclers. Check to see if recycling facilities accept colored HDPE in your area.

Contains no phosphorous.

Contains no VOCs (Volatile Organic Compounds).

USE SITES

Acute Care Facilities

Airplanes

Ambulance or Transport Vehicles

Ambulatory Surgery Centers

Assisted Living

Bathrooms

Blood Banks

Boats

Bowling Alleys

Breweries

Cars

Churches

Colleges

Correctional Facilities

Cruise Lines

Day Care Centers

Dormitories

Factories

Funeral Homes

Food Manufacturing [Facilities]

Food Storage [Facilities]

Grocery Stores

[Gymnasiums] [Gyms]

Hard Non-Porous Medical Surfaces

Health Club Facilities

Hospitals

Hotels

Industrial Facilities

Kitchens (non food contact surfaces)

Laboratories

Laundromats

Laundry Rooms

Locker Rooms

Manufacturing Facilities

Manufacturing Plants - or - Facilities

[Medical] [Physician] [Doctors'] Offices

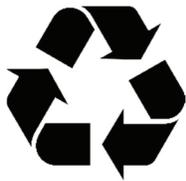
Military Installations

Motels
Nursing Homes
Operating Rooms
Preschool Facilities
Public Areas
Recreational [Centers] [Facilities]
Restroom[s] [Areas]
School Buses
Schools
Senior Living [Facilities]
Shelters
Shower Rooms
Storage [Rooms] [Areas]
Trains
Universities
Veterinary [Facilities]
Wineries

USE SURFACES

Ceramic [Glazed] Tile
Chrome
Corian
Formica
Glass
Linoleum
Metal
Non-Porous Plastic
[Glazed] Porcelain
Sealed Granite
Sealed Marble
Marble
Stainless Steel
Vinyl
[Finished] [Painted] Wood

OPTIONAL LOGOS AND GRAPHICS





VIKING PURE™
SOLUTIONS



VIKING PURE™
SOLUTIONS



VIKING PURE™
DISINFECTANT



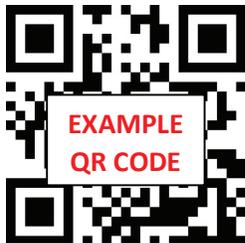
VIKING PURE™
DISINFECTANT



VIKING PURE™
SOLUTIONS



VIKING PURE™
SOLUTIONS



STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

[Pesticide] Storage: Store in a closed plastic container in a cool, dry location away from heat and sunlight. Do not shake.

[Pesticide] Disposal: Pesticide wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling: Refillable container. Refill this container with Viking Pure Disinfectant only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling this container. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Dispose of rinsate as pesticide waste. Repeat the rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in sanitary landfill, or by incineration, or by procedures allowed by state and local authorities.

Secondary Container Label



VIKING PURE™
S O L U T I O N S

Viking Pure Disinfectant:

EPA Reg. No. 87542-1

Active Ingredient:

Hypochlorous Acid 0.018%

Other Ingredients: 99.982%

Total: ... 100.000%

Contains 180 ppm Free Available Chlorine (FAC)

KEEP OUT OF REACH OF CHILDREN

Follow the directions for use on the pesticide label when applying this product.